

# Stealthbox®

## INSTALLATION GUIDE for the

SB-S-LWAG/10W6v2  
2005 - Up Subaru Legacy & Outback Wagon  
(will not fit the sedans or the "Outback Sport")



*Thank you for choosing a JL Audio Stealthbox® for your automotive sound system. With proper installation, your new vehicle-specific enclosed subwoofer system will deliver years of listening pleasure.*

*We strongly recommend that you have your new Stealthbox® installed by your authorized JL Audio dealer. The installation professionals employed by your dealer have the necessary tools and experience to disassemble and reassemble your vehicle properly. Also, keep in mind that your warranty coverage extends to 1 year if your system is installed or approved by your authorized JL Audio dealer. If you prefer to perform your own installation, please read this installation guide completely before beginning the process.*

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### ! IMPORTANT

If you choose to perform the installation yourself, it is absolutely vital that the Stealthbox® be properly mounted to the vehicle according to these instructions. Failure to mount the enclosure properly presents two problems:

- 1) The sub-bass performance will suffer due to the movement of the enclosure caused by the force exerted by the woofer(s).
- 2) A loose enclosure presents a serious safety hazard in the event of a collision or sudden deceleration.

### INSTALLATION DIFFICULTY:

2  
OUT  
OF  
5



#### STEP 1

Remove all contents from the cargo area.



#### STEP 2

Remove the passenger's side rear pocket door and the separation wall.



#### STEP 3

With a small flat blade, carefully pop off the black plastic trim from the passenger's side rear taillight.

**STEP 4**

Remove the pair of screws that secure the passenger's side rear taillight.

**STEP 5**

Remove the taillight assembly from the wiring harness.

Pull the wire harness out of the pass through hole.

**STEP 6**

Apply the supplied wax square into place. The left side is lined up with the left edge of the pocket opening and above the emboss portion of the inner lower corner.

**STEP 7**

Thread the supplied socket cup set screw into the Stealthbox®, leaving 1/4-inch of thread exposed.

**STEP 8**

Position the Stealthbox® in the mounting location and press on it firmly.

Remove the Stealthbox® carefully, leaving the wax squares in place. The socket cup set screws will leave impressions in the wax.

**STEP 9**

**Note:** Before drilling, make sure that you are not going to be drilling into electrical wiring or anything else that might cause a reduction in your weekly pay. Always wear eye protection when drilling!

From inside the vehicle.  
With a drill and a 1/4-inch drill bit, drill at the same angle as the impression on the wax square. Drill through the plastic panel and metal body. Remove the wax square.  
With a 3/8-inch drill bit, enlarge the pilot hole.

**STEP 10**

From the outside of the vehicle.  
Place the 3/8-inch drill bit through the pass through hole, enlarge the pilot hole.

**STEP 11**

Run speaker wire from the amplifier location to the Stealthbox® location.



**STEP 12**  
Attach the speaker wire to the terminal on the Stealthbox® and check for proper operation of the woofer.

Place the Stealthbox® into position.



**STEP 13**  
Look through the pass-through hole and make sure that the socket cup set screw is lined up with the drilled holes.

With an extra long 3/16-inch hex head wrench, back out the socket cup set screw to expose about 1 1/2-inch.

The socket cup set screw will wedge itself and secure the Stealthbox® to the vehicle.



**STEP 14**  
Place the wire harness, taillight assembly and trim back into location.



**CONGRATULATIONS**  
You have completed the installation for this model!

Please refer to the Power Recommendation section for an amplifier recommendation and basic set-up help.

**INCLUDED HARDWARE**

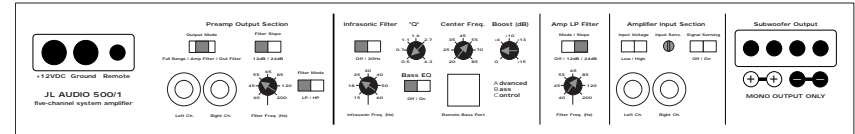
- (1) 3-inch x 3-inch Wax Square
- (1) 3/8-inch -16 x 2 1/4-inch Socket Cup Screw

**SPECIFICATIONS**

**Enclosure Type:** Acoustic Suspension (sealed)  
**Driver Type:** 10W6v2-D4  
**Nominal Impedance:** 2 ohms mono  
**Continuous Power Handling:** 400 Watts

**POWER RECOMMENDATION**

JL Audio recommends using a high quality amplifier such as the JL Audio 500/1. The diagram below shows the recommended crossover, infrasonic filter and equalizer settings for the 500/1 when being used to power your Stealthbox®.



The JL Audio 500/1 is a very versatile audio component. Please consult the owner's manual for even more detailed information about installing and tuning this amplifier.

**MID/HIGH FREQUENCY DRIVER FITMENT**

A variety of JL Audio coaxial and component systems will fit in the factory speaker locations of you vehicle.

**Front Speaker Size / Location:** 6.5-inch / Front Doors  
**Fits JL Audio Models:** TR650-CSi, TR650-CXi, VR650-CSi, VR650-CXi, XR650-CSi, XR650-CXi, C5-650, C5-650x & ZR650-CSi

**Rear Speaker Size / Location:** 5.25-inch / Rear Doors  
**Fits JL Audio Models:** TR525-CXi, VR525-CXi, XR525-CXi & C5-525x



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